

SMARTboard Instructional Activity Outline
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1. Identification of the Class

- **Subject: Physical Science**
- **Grade: 8th**

2. What are the Virginia Standards of Learning that apply to your instructional activity?

PS.8 The student will investigate and understand characteristics of sound and technological applications of sound waves. Key concepts include
a) wavelength, frequency, speed, and amplitude
c) the nature of mechanical waves

3. Describe the instructional activity in 3-4 sentences.

This SMARTboard lesson serves as an introduction to waves and properties of waves. It lays the foundation and covers the vocabulary that is necessary for the unit before we get into light waves and sound waves.

4. How would you assess student learning? You aren't required to create an assessment measure, but I do want you to think about this element of instruction. Three to four sentences will sufficiently answer this question.

The interactive slide in my presentation could serve as an informal assessment and there would be a homework assignment after a few more lessons that incorporates the rest of the vocabulary on the interactive slide.